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REMARKS

Applicant thanks the Examiner for the remarks and analysis contained in the Office Action. The claims have been amended above to clarify the content of the claims. New claims 23-25 are added. Applicant respectfully requests reconsideration of this application.

Applicant respectfully traverses the rejections based upon the *Nakano* reference. That reference teaches a different strategy and technique than what is claimed. In the *Nakano* reference, the frequency offset estimation section estimates the amount of a carrier frequency offset which can be employed by the pilot signals and determines the width (or the time constant) of a passing area of the filtering section 202. The coherent detecting section 205 corrects the phase shift of the despread data signal using pilot signals passed through the filtering section 202. That is not the same as estimating a Doppler change in frequency using a pilot signal and using that estimated Doppler change in frequency for removing the Doppler change in frequency from a dedicated physical channel. In other words, the *Nakano* reference utilizes a frequency offset estimate to determine a filter time constant and then filters a pilot channel. The filtered pilot channel is then used by the coherent detecting section 405. The coherent detecting section does not use an estimate of the Doppler change in frequency. Therefore, there is no anticipation.

Applicant respectfully traverses the rejection under 35 U.S.C. §103 based upon the proposed combination of the *Nakano* reference and the *Simon, et al.* reference. The proposed combination cannot be made. There would be no benefit to adding the teaching of *Simon, et al.* to the teachings of the *Nakano* reference because the *Nakano* reference uses a different technique and, absent Applicant's own disclosure, there is no possible suggestion for incorporating the teachings of *Simon, et al.* into the *Nakano* reference according to the Examiner's proposal. Moreover, even if

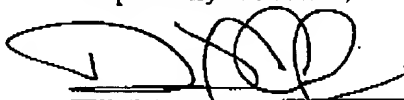
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the combination could be made, the result is not the same as what Applicant claims. As noted above, *Nakano* does not use an estimated Doppler change in frequency for removing a Doppler change in frequency from a dedicated physical channel. Instead, *Nakano* uses a filtered pilot channel in a coherent detection section. This is not the same as using an estimated Doppler change in frequency as claimed.

Applicant respectfully submits that this case is in condition for allowance.

Applicant believes that additional fees in the amount of \$150.00 are required for three additional claims. The Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds in the amount of \$150.00, as well as for any additional fees or credit the account for any overpayment.

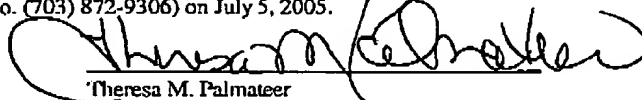
Respectfully submitted,



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**CERTIFICATE OF FACSIMILE**

I hereby certify that this Amendment relating to Application Serial No. 09/841,487, is being facsimile transmitted to the Patent and Trademark Office (Fax No. (703) 872-9306) on July 5, 2005.



Theresa M. Palmateer

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